



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## EIF4G1 monoclonal antibody (M10), clone 2A9

Catalog # : H00001981-M10

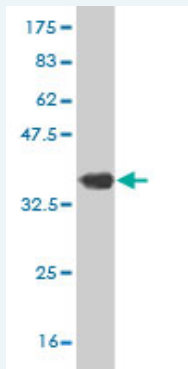
規格 : [ 100 ug ]

[List All](#)

### Specification

<b>Product Description:</b>	Mouse monoclonal antibody raised against a partial recombinant EIF4G1.
<b>Immunogen:</b>	EIF4G1 (NP_886553, 1500 a.a. ~ 1599 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence:</b>	DVAVLKARAKLLQKYLCDQKELQALYALQALVVTLEQPPNLLRMFFDALYDEDVVKEDAFYSWESSKDPAEQQGKGVALKSVTAFFKWLREAEESDHN
<b>Host:</b>	Mouse
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Isotype:</b>	IgG2b Kappa

**Quality Control Testing:** Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (36.74 KDa) .

**Storage Buffer:** In 1x PBS, pH 7.4

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**MSDS:** [Download](#)

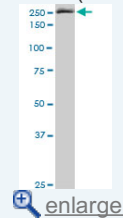
**Datasheet:** [Download](#)

### Applications

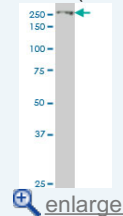
Western Blot (Cell lysate)

### Application Image

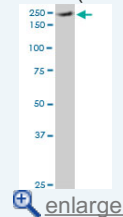
Western Blot (Cell lysate)



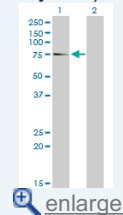
Western Blot (Cell lysate)



Western Blot (Cell lysate)

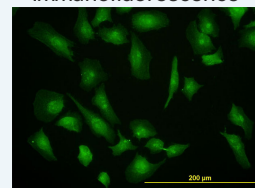


Western Blot (Transfected lysate)

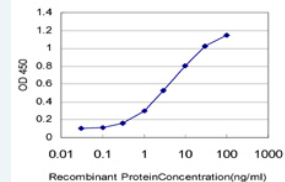
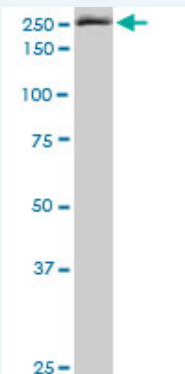


Western Blot (Recombinant protein)

Immunofluorescence



Sandwich ELISA (Recombinant protein)



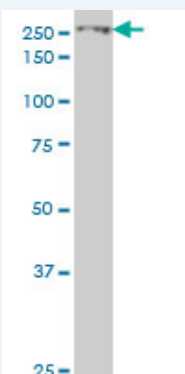
[enlarge](#)

ELISA

EIF4G1 monoclonal antibody (M10), clone 2A9. Western Blot analysis of EIF4G1 expression in PC-12(Cat # L012V1 ).

[Protocol Download](#)

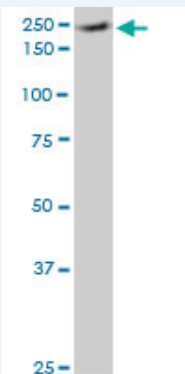
#### Western Blot (Cell lysate)



EIF4G1 monoclonal antibody (M10), clone 2A9 Western Blot analysis of EIF4G1 expression in HepG2 ( Cat # L019V1 ).

[Protocol Download](#)

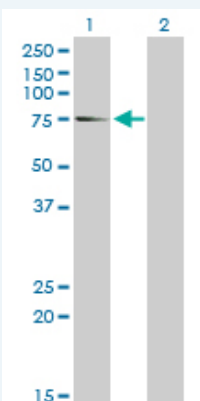
#### Western Blot (Cell lysate)



EIF4G1 monoclonal antibody (M10), clone 2A9. Western Blot analysis of EIF4G1 expression in NIH/3T3(Cat # L018V1 ).

[Protocol Download](#)

#### Western Blot (Transfected lysate)



Western Blot analysis of EIF4G1 expression in transfected 293T cell line by EIF4G1 monoclonal antibody (M10), clone 2A9.

Lane 1: EIF4G1 transfected lysate(70.95 KDa).  
Lane 2: Non-transfected lysate.

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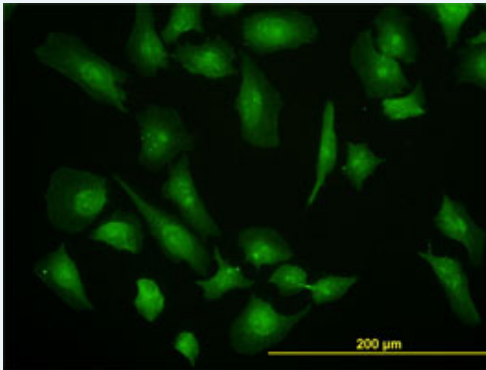
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### Western Blot (Recombinant protein)

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### Immunofluorescence



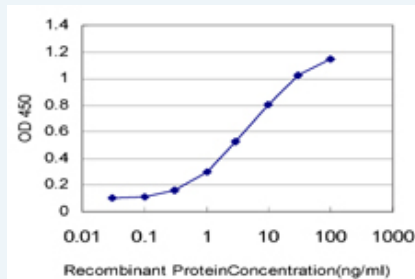
 [enlarge this image](#)

Immunofluorescence of monoclonal antibody to EIF4G1 on HeLa cell. [antibody concentration 10 ug/ml]


 [Protocol Download](#)

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### Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged EIF4G1 is approximately 0.03ng/ml as a capture antibody.

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### ELISA

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#### Gene Information

Entrez GeneID: [1981](#)

GeneBank [NM\\_182917](#)

Accession#:

Protein [NP\\_886553](#)

Accession#:

Gene Name: EIF4G1

Gene Alias: DKFZp686A1451, EIF4F, EIF4G, p220

Gene Description: eukaryotic translation initiation factor 4 gamma, 1

Description:

Omim ID: [600495](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** The protein encoded by this gene is a component of the protein complex EIF4F, which is involved in the recognition of the mRNA cap, ATP-dependent unwinding of 5'-terminal secondary structure, and

recruitment of mRNA to the ribosome. Alternative splicing results in five transcript variants encoding four distinct isoforms. [provided by RefSeq

**Other  
Designations:** EIF4-gamma

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